

FIGURE 1

Retrieve the full-length sequence of a gene of interest from databases

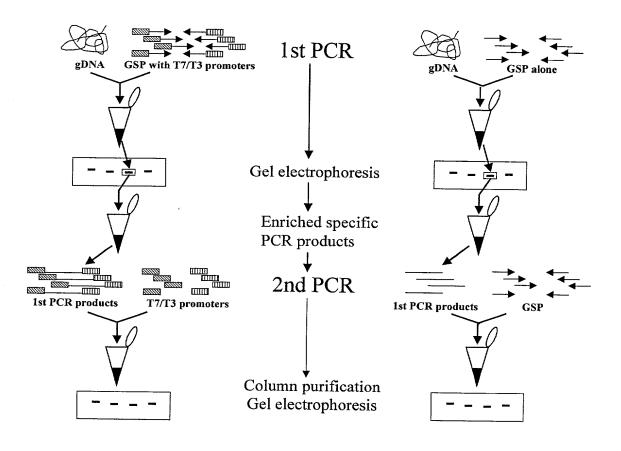
Select the sequence after the translational stop codon as 3'UTR

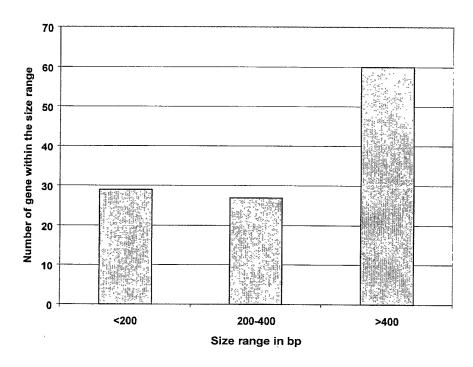
Mask repetitive sequences within the 3'UTR using a computer software

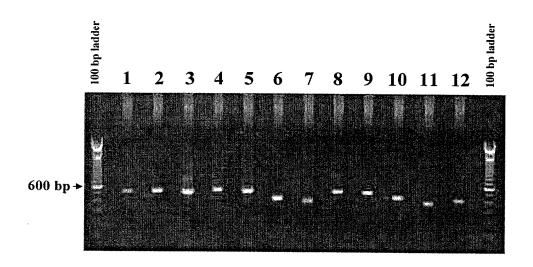
BLAST search human transcripteome, all human transcripts, to identify a unique sequence within the 3'UTR

Design a pair of primers within the unique sequence using a primer design software

FIGURE 2







## FIGURE 5B

